Serial # 8007
delivered + installed
11/3 - 11/5 1964
in DIA area - 5th floor
RLG

INSTALLATION ENGINEERING

I. INSTRUMENT

A. Name 880 Comparator

STATINTL B. Manufacturer [redacted]

C. Contract Number [redacted]

II. PHYSICAL FEATURES

A. Number of Component Parts See Note #1

B. Dimensions of the Largest Component Part:
Length 5 Ft. 2-1/2 In. Height 2 Ft. 4-1/4 In.
Width 3 Ft. 9-5/8 In.

C. Weight of Largest Component Part 350 lbs.

D. Total Weight of Instrument 1100-1200 lbs.

E. Overall Dimensions Assembled:
Length 5 Ft. 2-1/2 In. Height 4 Ft. 5-3/4 In.
Width 4 Ft. 3/8 In.

F. Type of Base of Mount: (Inst. to Console)
Flat _____ Three Point Suspension X Four Point Suspension X (on floor)

G. Does Instrument have built-in mobility? NO

H. Is the instrument particularly sensitive to vibration? YES STATINTL

I. Are any special or unusual tools or fixtures necessary or adviseable for the installation or maintenance of this equipment? [redacted]
Engineers will accomplish the installation of this equipment. The use of the Universal Gantry (dwg 880-52-12) will be necessary for installation of this equipment and will be ~~brought for the~~ supplied by us for installation.

III. UTILITIES

A. Electrical:

	AC	DC
Voltage	115 Volts ± 5 Volts	
Current	15 Amps-Instrument is	
Frequency	60 cps fused for 6-1/4 amps.	
Nr. of phases	1	
Nr. of wires	2	
Power required by equipment	500 Watts	Watts

Type of outlet required: Two Prong _____, Three Prong X
Twist Lock _____, Permanent Installation _____

Should the equipment be shielded, either from external electromagnetic signals, or to prevent interference with other equipment?
NO

B. Air Conditioning:
Room temperature See Note #2 Humidity 45% Relative Humidity
Output of Instrument See Note #3 BTU/Hr.
If air must be filtered, what is maximum permissible particle size in microns? 5-10 each What particle count? _____ particles per cubic foot. Depends on cleaning routines.
Direct connection to instrument? Yes _____ No X
If yes to above, what is the desired air temperature to instrument?
_____
Should discharged air be ducted separately? NO
Is discharged air noxious? NO toxic? NO
Connector size to instrument NA

C. Plumbing:
Is water required for the instrument? Yes _____ No X
Water pressure _____ Flow in GPM _____
Type of water desired:
Tap _____ °F ± _____ °F
Tempered _____ °F ± _____ °F
Deionized _____ °F ± _____ °F
Filtered _____ °F ± _____ °F Particle size and count per unit volume.
Type of pipe required:
Galvanized _____ Copper _____
Stainless Steel _____ Plastic _____
Is floor drain required? Yes _____ No _____
Diameter of drain _____ Galvanized drain _____
Plastic drain _____ Glass drain _____

D. Compressed Air:
Diameter of connectors _____ Type of connectors _____
PSI _____ Water free? _____
CFM _____ Oil free? _____

E. Vacuum:
Is vacuum required? Yes _____ No X
Vacuum required _____ PSIA or _____ (inches) (millimeters) of Hq
Displacement _____ CFM _____

IV. REMARKS

In the event additional space is required for environmental conditions or utilities not mentioned above, use the reverse side of this form.

See Note #1

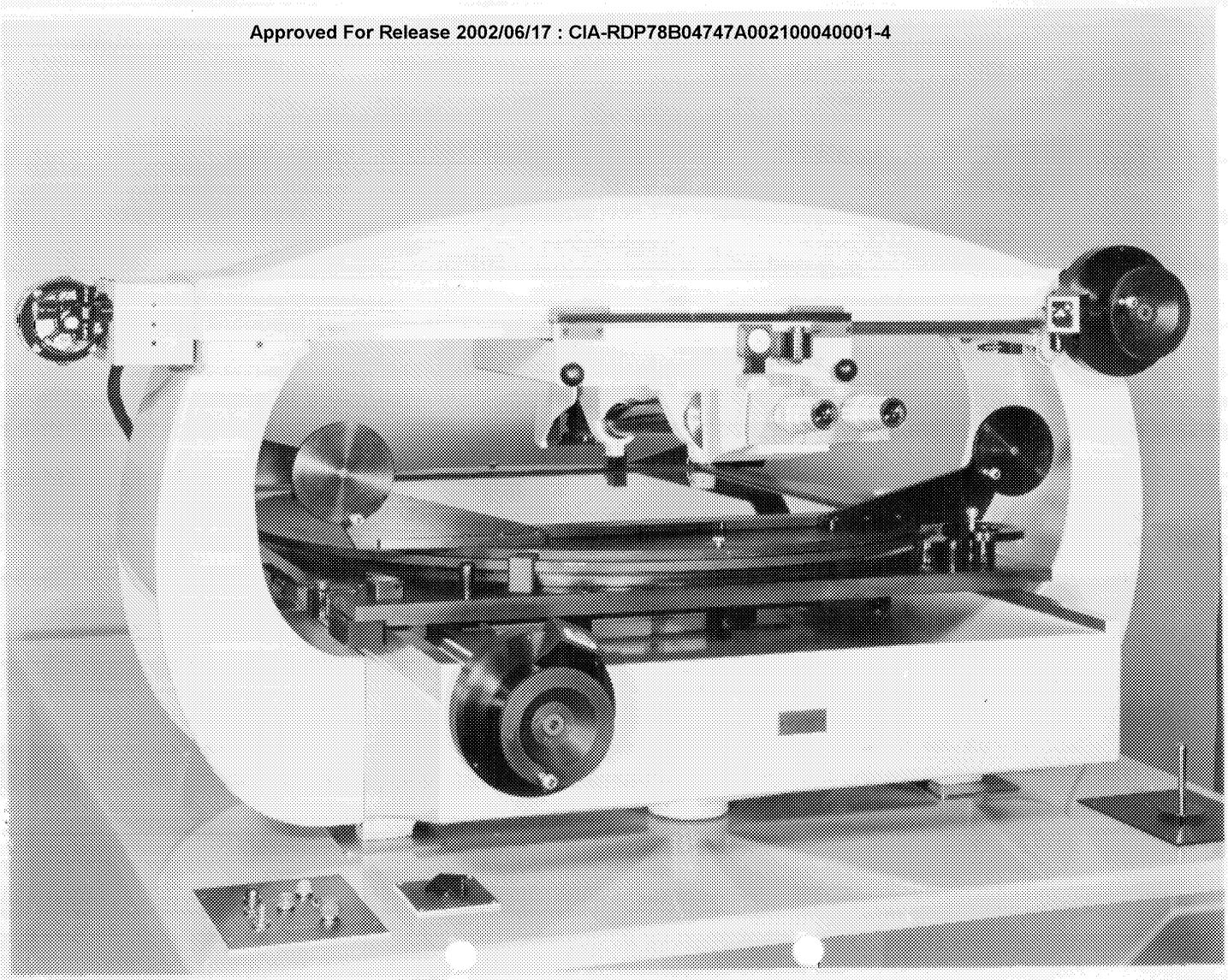
N O T E S

1. A film stage (30" dia) is removable from comparator. The power supply for the comparator is stored within the console.

   (Drawings are enclosed to furnish information, which will assist you. 880 Comparator floor plan is dwg. no. 880-52-10. Universal Gantry is dwg. no. 880-52-12
   880 on skid (front view) is dwg. no. 880-52-11, 1 of 2
   880 on skid (side view) is dwg. no. 880-52-11, 2 of 2.)

2. Calibrated at 68° F. May be operated at 70° F. to 72° F. Must be stable.

3. 850 expected -- could be as high as 1700, if it is found necessary to use a mercury light source.



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